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Belcher et al.

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(54) **METHOD AND APPARATUS FOR
MANUFACTURING AN IMPLANT**

(56) **References Cited**

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(58) **Field of Classification Search**

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(57) **ABSTRACT**

An orthopedic implant manufacturing method. The method
includes preparing a pre-operative surgical plan for a spe-
cific patient, the surgical plan including a three-dimensional
image of a patient's joint indicating at least one resection
plane, communicating the surgical plan to a surgeon of the
patient, and receiving approval of the surgical plan and the
resection plane by the surgeon. The method also includes
providing automated osteophyte/protrusion removal control
for surgeon manipulation, receiving a modified three-dimen-
sional image of a patient's joint indicating an osteophyte/
protrusion removal and a recommendation for a correspond-
ing selected orthopedic implant from the surgeon, and
requesting manufacture of the selected orthopedic implant.

26 Claims, 7 Drawing Sheets

